

**FAX TRANSMITTAL COVER SHEET**

**TO:** U. S. Patent and Trademark Office  
Attn: Examiner, John C. Douglas  
Art Unit: 1764

**RECEIVED**  
**CENTRAL FAX CENTER**  
**OCT 24 2006**

**FAX No.:** (571) 273-8300

**DATE:** October 24, 2006

**FROM:** David W. Westphal

**ConocoPhillips Company**  
**P. O. Box 1267**  
**Ponca City, OK 74602-1267**

**TELEPHONE:** (580) 767-4958  
**FAX:** (281) 767-2326

**CLIENT NO.:** 1856-38100 (9852.0-02)

**TOTAL NUMBER OF PAGES (INCLUDING THIS ONE):** 20

**COMMENTS:Re:** U.S. Patent Application No. **10/802,974**  
Filing Date: March 17, 2004  
Applicant(s): Sridhar Gopalakrishnan et al

The following documents are attached for filing:

- *Transmittal Form (PTO/SB/21) – 1 page*
- *Response to Office Action of June 27, 2006 – 17 pages*
- *Fee Transmittal for FY 2006 – 1 page*

---

**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being sent by facsimile transmission on the date shown below to the facsimile number above to the U.S. Patent and Trademark Office, in accordance with 37 CFR § 1.6(d).

Sandra L. Marckesoni

(Type or print name of person faxing paper)

**Date:** October 24, 2006

Sandra L. Marckesoni  
(Signature of person faxing paper)

*This facsimile and the information it contains is intended to be a confidential communication only to the person or entity to whom it is addressed. If you have received this facsimile in error, please notify us by telephone.*

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/802,974
		Filing Date	March 17, 2004
		First Named Inventor	Sridhar Gopalakrishnan
		Art Unit	1764
		Examiner Name	John C. Douglas
Total Number of Pages in This Submission	19	Attorney Docket Number	1856-38100 (9852.0-02)

RECEIVED  
CENTRAL FAX CENTER  
OCT 24 2006

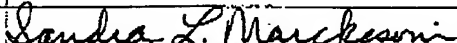
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (1 pg) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (17 Pgs) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <i>Certificate of Facsimile (1 .p.)</i>
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	ConocoPhillips Company	
Signature		
Printed name	David W. Westphal	
Date	October 24, 2006	Reg. No. 32,673

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO at 571-273-8300 on the date shown below.

Typed or Printed Name	Sandra L. Marchesoni		
Signature		Date	October 24, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450,

PTO/SB/17 (07-06)

Approved for use through 01/31/2007. OMB 0851-0032  
U.S. Patent and Trademark office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/04.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL  
For FY 2006**

Complete if Known

RECEIVED  
CENTRAL FAX CENTER

OCT 24 2006

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**400.00**

Application Number	10/802,974
Filing Date	March 17, 2004
First Named Inventor	Sridhar Gopalakrishnan
Examiner Name	John C. Douglas
Art Unit	1764
Attorney Docket No.	1856-38100 (9852.0-02)

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: **16-1575** Deposit Account Name: **ConocoPhillips Company**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments  
under 37 CFR 1.16 and 1.17**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
41	20 or HP = 0	0	0

HP = highest number of total claims paid for, if greater than 20

<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
5	3 or HP = 2	200	400

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

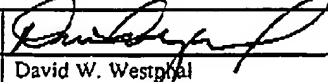
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
	- 100 =	/ 50 =	(round up to a whole number) x	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge):

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	32,673	Telephone	580-767-4958
Name (Print/Type)	David W. Westphal	Date	October 24, 2006		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, 11 S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS form, call 1-800-

Oct. 24. 2006 4:15PM

RECEIVED  
CENTRAL FAX CENTER

No. 1237 P. 4

OCT 24 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/802,974  
Applicants : Sridhar Gopalakrishnan  
Filed : March 17, 2004  
For :

Confirmation No. 5079

TC/A.U. : 1764  
Examiner : John C. Douglas

Customer No.: 31889  
Atty. Dkt. No.: 1856-38100(9852)  
Date: October 24, 2006

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO OFFICE ACTION DATED JUNE 27, 2006**

Sir:

In response to the Office Action of June 27, 2006, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 15 of this paper.

10/25/2006 TL0111 00000046 161575 10802974  
01 FC:1201 400.00 DA